Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 01 Jun 2023 until 23:59 on Friday 02 Jun 2023

Forecast Issued on Wednesday 31 May 2023 at 13:57

Confidence: High confidence for generally settled conditions, but lower for cloud details during overnight and early morning periods.

Headline for Thursday 01 Jun 2023: Low cloud clearing through the morning to give a sunny day in the west, and more in the way of sunny spells in the east.

Mountain weather hazards on Thursday 01 Jun 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG							
Fog	Cloudy	Cloudy	Sunny intervals	Sunny	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
10%	10%	10%	<05%	<05%	<05%	<05%	10%

Forecast for Thursday 01 Jun 2023

Weather: Low cloud covering the park overnight, although some higher summits could possibly remain above the cloud at times. This breaking and lifting through the morning, with the western side of the park seeing prolonged sunshine through the afternoon. The eastern half of the park is likely to be cloudier at times although still seeing plenty of sunny spells, before cloud pushes westwards once again into the evening to cover much of the park.

Chance of cloud-free hill tops above 600m: 60% at first, rising to 90% through the morning. Note that some lower levels obscured by cloud early on.

Low cloud and visibility: Low cloud across the park at first will have bases down to around 400m, but as it's a relatively thin layer of cloud some higher summits could remain above the cloud at times, perhaps becoming partially obscured through the morning as cloud lifts and breaks. Visibility generally very good throughout the day, dropping to poor in early low cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Thursday 01 Jun 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/27 NE	18/25 NE	18/25 NE	18/26 NE	16/23 NE	16/23 NE	17/25 NE	18/26 NE	16/24 NE
300	9/15 E	8/14 NE	10/16 NE	12/18 NE	12/19 NE	13/21 NE	13/21 NE	11/20 NE	10/17 E
Valley	7/16 E	7/15 E	8/16 NE	10/19 E	10/19 NE	11/21 NE	11/22 NE	9/20 NE	8/18 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	5/1	5/0	7/3	11/8	12/8	9/6	6/2	5/1
300	8/5	7/5	8/5	10/8	14/11	15/12	13/10	9/7	8/5
Valley	9/7	8/6	9/7	12/10	16/14	16/14	14/12	10/8	9/7
Freezing Level*	2600m	2500m	2500m	2500m	2300m	2400m	2300m	2400m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High UV levels are forecast, so carrying sun protection is essential.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 31 May 2023	0mm	0mm	0mm

Forecast for Friday 02 Jun 2023

Weather: Low cloud pushing in from the east affecting the park overnight, clearing through the morning to give a fine sunny day.

Maximum wind: Northeasterly 10-15 mph, gusting up to 30 mph early on.

Chance of cloud-free hill tops above 600m: 70%, rising to 100% through the morning. Note, some eastern lower levels likely to be obscured by early low cloud.

Low cloud and visibility: Low cloud affecting the park early on, with some summits perhaps staying above the level of cloud at times. Cloud then clearing through the morning to give clear skies. Visibility generally very good, briefly dropping to poor in early low cloud.

Temperature: **Valleys:** Plus 7 Celsius, rising to Plus 16 Celsius.
At 600m: Plus 4 Celsius, rising to Plus 13 Celsius.
Freezing level: Above summits.

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